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(54) Title: BACTERIA FOR HIGH EFFICIENCY CLONING

(57) Abstract: Disclosed are novel bacterial hosts that are capable of high efficiency transformation with methylated and/or unmethylated nucleic acids, and that are bacteriophage resistant. Such bacteria contain: (1) an F' episome that confers high efficiency transformability; (2) one or more mutations that allow transformation of methylated nucleic acids; (3) one or more mutations that allow transformation with unmethylated nucleic acids; and/or (4) one or more mutations that confer resistance to bacteriophage infection. Also disclosed are methods for transforming such bacteria, and kits that contain such bacteria (e.g., that have been made competent for transformation).

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